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(54) Title: METHOD AND APPARATUS FOR PRINTING PATTERNS WITH IMPROVED CD UNIFORMITY

(57) Abstract: An aspect of the present invention includes a method to pattern a workpiece with improved CD uniformity using a partially coherent electromagnetic radiation source. Said method including the actions of: determining, for a plurality of layers in said workpiece, CD uniformity as a function of a number of exposure flashes, determining, for the plurality of layers in said workpiece, the cost of patterning as a function of the number of exposure flashes, and selecting the number of exposure flashes on a layer by layer basis, which gives a predetermined CD uniformity corresponding to a preferred cost. Other aspects of the present invention are reflected in the detailed description, figures and claims.

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